

5 **COMPOUNDS HAVING AFFINITY FOR THE GRANULOCYTE- COLONY**
STIMULATING FACTOR RECEPTOR (G-CSFR) AND ASSOCIATED USES

10 **ABSTRACT OF THE DISCLOSURE**

Novel compounds are provided that bind to G-CSFR. The novel compounds have a peptide chain approximately 6 to 40 amino acids in length that binds to G-CSFR. The compounds are useful as probes for affinity screening. In addition, the compounds have demonstrated agonist or antagonist activity for the G-CSFR, and are therefore useful in
15 treatment of diseases including patients who suffer from a low white blood cell titer. Pharmaceutical compositions and methods of use are provided as well.